

## Lake District National Park

Forecast valid from 06:00 on Sunday 17 Sep 2023 until 23:59 on Monday 18 Sep 2023

Forecast Issued on Sunday 17 Sep 2023 at 03:21

**Confidence:** High for some poor conditions in the morning but improving in afternoon, but low on extent of poor visibility and lower cloud during the day. High confidence for wet weather early on Monday followed by brighter, windy conditions later Monday and Tuesday with blustery showers.

**Headline for Sunday 17 Sep 2023:** Mostly cloudy. Patchy rain in the morning, drying up in the afternoon. Heavy showers, possibly thundery later in evening.

### Mountain weather hazards on Sunday 17 Sep 2023

**Blizzards**

No Likelihood

**Heavy persistent snow**

No Likelihood

**Storm force winds**

No Likelihood

**Gales**

No Likelihood

**Severe chill effect**

No Likelihood

**Poor visibility**

Medium Likelihood

**Thunderstorms**

Low Likelihood

**Heavy persistent rain**

No Likelihood

**Strong sunlight**

No Likelihood

| Weather and chance of precipitation at 800m |                |             |             |             |              |
|---------------------------------------------|----------------|-------------|-------------|-------------|--------------|
| Time                                        |                |             |             |             |              |
| 06:00                                       | 09:00          | 12:00       | 15:00       | 18:00       | 21:00        |
| <div>FOG</div>                              | <div>FOG</div> | <div></div> | <div></div> | <div></div> | <div></div>  |
| Fog                                         | Fog            | Cloudy      | Cloudy      | Cloudy      | Thunderstorm |
| Precipitation probability                   |                |             |             |             |              |
| 20%                                         | 30%            | 40%         | 20%         | 20%         | 50%          |

### Forecast for Sunday 17 Sep 2023

**Weather:** Mostly cloudy on Sunday with patchy rain extending northwards during the morning, dying out in the afternoon. Showers extending northwards across National Park later in the evening, some heavy with isolated thunderstorms.

**Chance of cloud-free hill tops above 800m:** 40%, best chance will be in afternoon.

**Low cloud and visibility:** Mostly good visibility beneath the cloud which will be fairly extensive above about 600 to 700m with some patches lower down, especially over Southern Lakes, but lifting in afternoon. Misty conditions as rain passes through with patches of poor visibility in more persistent rain.

## Forecast for Sunday 17 Sep 2023

| Height (m) | Wind Speed mean/gusts (mph) |          |          |          | Wind Direction (blowing from) |          |          |
|------------|-----------------------------|----------|----------|----------|-------------------------------|----------|----------|
|            | 06:00                       | 09:00    | 12:00    | 15:00    | 18:00                         | 21:00    | 00:00    |
| 900        | 18/28 E                     | 22/29 SE | 25/33 SE | 26/34 SE | 22/33 SE                      | 23/30 SE | 22/30 SE |
| 600        | 22/31 E                     | 25/34 SE | 24/33 SE | 23/33 SE | 26/38 SE                      | 26/37 SE | 22/32 SE |
| 300        | 10/23 E                     | 10/21 SE | 9/21 SE  | 9/21 SE  | 9/22 SE                       | 10/26 SE | 10/25 SE |
| Valley     | 7/15 E                      | 8/20 E   | 9/20 E   | 10/21 SE | 10/24 E                       | 11/26 E  | 10/23 E  |

| Height (m)      | Temperature / Feels Like (°C) |       |       |       |       |       |       |
|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|
|                 | 06:00                         | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 900             | 11/7                          | 9/5   | 10/6  | 11/7  | 11/7  | 11/7  | 11/7  |
| 600             | 10/6                          | 11/7  | 12/8  | 13/9  | 12/8  | 11/7  | 12/8  |
| 300             | 12/10                         | 13/11 | 15/13 | 16/15 | 14/13 | 14/12 | 14/12 |
| Valley          | 15/14                         | 15/14 | 17/16 | 18/16 | 17/15 | 16/14 | 15/14 |
| Freezing Level* | 3100m                         | 3100m | 3000m | 3000m | 2900m | 2800m | 2900m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

### Meteorologist's View

Gusty winds. Some poor visibility in morning, improving in afternoon.

## Forecast for Monday 18 Sep 2023

**Weather:** Cloudy at first with outbreaks of rain, heavy and possibly thundery, clearing away during morning. Drier, brighter weather will later in morning with sunshine and blustery showers in afternoon.

**Maximum wind:** Light winds at first, then strengthening northwesterly winds, average speeds picking up to 25 to 30mph with gusts 45mph on the tops during afternoon.

**Chance of cloud-free hill tops above 800m:** Little chance at first, improving 70% later in the morning.

**Low cloud and visibility:** Misty conditions at first with extensive cloud cover well down the hills. Visibility soon becoming very good away from any showers later in morning with clouds lifting and breaking up.

**Temperature:** **Valleys:** Plus 12 Celsius rising to 17 Celsius.

**At 800m:** Plus 10 Celsius.

**Freezing level:** Above the summits.

**Ground Conditions Supplement**

No recent ground conditions report available.

Issued at: 03:21 on Sun 17 Sep 2023